

LOFMARK
Serial No. 09/768,217

Atty Dkt: 2739-4
Art Unit: 2644

REMARKS/ARGUMENTS

Reconsideration of the captioned application is respectfully requested.

Claims 1, 3, 8-11, 13-17, 19-26, 28, 31, 32 and 34-39 stand rejected under 35 USC 102(e) as being anticipated by The Radio Amateur's Handbook. All prior art rejections are respectfully traversed for at least the following reasons.

The Office Action specifically applies The Radio Amateur's Handbook (1973 fifth edition), pp. 41-50, figure 2.53. The Office Action asserts that "the handbook discloses a filter for filtering signals in a communications system and for impedance matching to a predetermined complex impedance, wherein the filter is complex ..". Such a filter is (according to the Office Action) exhibited in figure 2.53.

However, on page 49, second column, the sixth section, it is stated that "Filters are designed for a specific value of purely resistive impedance....". None of the filters exhibited in figure 2.53 involves a resistance or a resistive element. The filters clearly comprise inductors and capacitors, which are reactive components and give the filter a resistive characteristic impedance. The filters have clearly indicated output terminals to which a resistive load R is connected. A person skilled in the art, even an amateur (note that the book is directed to amateurs), understand that the resistive load is not a part of the filter. As mentioned in earlier replies, a filter having complex characteristic impedance involves a resistance or resistive element, as also required by Applicants' claims.

In addition, it is not mentioned anywhere in the applied Handbook that the figures show cable simulators, and nothing of the content indicates that it is supposed to do so.

In view of the foregoing and other considerations, all claims are deemed in condition for allowance. A formal indication of allowability is earnestly solicited.

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The Commissioner is authorized to charge the undersigned's deposit account #14-1140 in whatever amount is necessary for entry of these papers and the continued pendency of the captioned application.

Should the Examiner feel that an interview with the undersigned would facilitate allowance of this application, the Examiner is encouraged to contact the undersigned.

Respectfully submitted,
NIXON & VANDERHYE P.C.

By: H. Warren Burnam, Jr.
H. Warren Burnam, Jr.
Reg. No. 29,366

HWB:lsb
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100